

Abstract of the Disclosure

5 (A device for identifying authorization and triggering/enabling an action, preferably an electronic locking device for motor vehicles. The device comprises a base unit and a key unit that can communicate with one another. The base unit detects the identity information of the key unit, compares it with a predetermined identity information and, if the detected identity information matches the predetermined identity information, triggers or enables the action. The base unit and the key unit each include an accurately-timed digital generators running essentially synchronously, the digital output information of which change at predetermined constant or non-constant time intervals. The key unit combines the respective information of the digital generator with a stored identification code in accordance with a predetermined coding rule to form a coded information item. The base unit codes the predetermined identity information with the current information of its own digital generator by also using the coding rule known to it, and compares this coded information with the coded information communicated by the key unit. If the base unit detects identity of the coded information, the relevant action is triggered. The base unit sends out a signal either continuously or following a request signal, and the key unit switches an antenna into an essentially matched state and a mismatched state depending on the coded information by means of a controllable electronic switch, whereupon the antenna reflects the received signal in accordance with the time variation of the coded information. The base unit receives and evaluates the reflected signal.